LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023817.D
Acq On : 20 Nov 2019 03:54
Operator : JU
Sample : K5847-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.981	12	16	24	rVB	580619	595385	6.32%	1.083%
2	3.305	68	71	75	rVB2	67498	78753	0.84%	0.143%
3	3.770	145	150	155	rVB2	39154	59208	0.63%	0.108%
4	4.599	286	291	295	rBV	57439	75092	0.80%	0.137%
5	5.540	447	451	459	rVB5	31491	62641	0.66%	0.114%
6	5.816	490	498	507	rBV4	69486	186884	1.98%	0.340%
7	6.028	527	534	540	rVB5	55488	106557	1.13%	0.194%
8	6.099	540	546	550	rBV	70979	112772	1.20%	0.205%
9	6.205	561	564	570	rVB	88826	136344	1.45%	0.248%
10	6.287	570	578	583	rVB5	33572	68411	0.73%	0.124%
11	6.346	583	588	595	rVB5	41754	73751	0.78%	0.134%
12	6.416	595	600	608	rBV3	56672	144422	1.53%	0.263%
13	6.534	616	620	625	rVB	119335	163643	1.74%	0.298%
14	6.628	632	636	638	rBV5	42650	60899	0.65%	0.111%
15	6.664	638	642	646	rBV	113683	187091	1.99%	0.340%
16	6.858	670	675	679	rBV4	30621	61259	0.65%	0.111%
17	6.911	679	684	687	rVB3	68935	101731	1.08%	0.185%
18	7.011	694	701	707	rVV4	67644	187658	1.99%	0.341%
19	7.081	710	713	724	rVB7	74515	177356	1.88%	0.323%
20	7.175	724	729	737	rBV5	55441	122175	1.30%	0.222%
21	7.240	737	740	745	rVB4	48741	74631	0.79%	0.136%
22	7.340	752	757	759	rBV3	59537	96668	1.03%	0.176%
23	7.422	766	771	773	rBV5	70543	107373	1.14%	0.195%
24	7.446	773	775	779	rVV4	87961	145080	1.54%	0.264%
25	7.516	779	787	795	rVV	1735635	2782197	29.52%	5.061%
26	7.593	795	800	805	rVV4	64204	132239	1.40%	0.241%
27	7.658	805	811	814	rVV7	68473	138392	1.47%	0.252%
28	7.716	817	821	824	rVV3	95320	158087	1.68%	0.288%
29	7.758	824	828	831	rVV3	147430	243171	2.58%	0.442%
30	7.793	831	834	844	rVV5	94602	202855	2.15%	0.369%
31	7.963	859	863	868	rVB2	61364	86060	0.91%	0.157%
32	8.063	868	880	885	rVV2	238383	514475	5.46%	0.936%
33	8.116	887	889	893	rVB2	60818	68368	0.73%	0.124%
34	8.199	898	903	910	rBV3	109450	217637	2.31%	0.396%

LSC Area Percent Report

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Acq On : 20 Nov 2019 03:54
Operator : JU
Sample : K5847-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

35	8.293	912	919	922	rBV6	64120	126341	1.34%	0.230%
36	8.340	922	927	931	rVB2	117855	172896	1.83%	0.314%
37	8.399	931	937	941	rBV3	94543	176152	1.87%	0.320%
38	8.622	962	975	984	rBV10	112390	423096	4.49%	0.770%
39	8.716	986	991	994	rVV4	72917	122461	1.30%	0.223%
40	8.752	994	997	1006	rVB3	116433	269201	2.86%	0.490%
41	8.834	1006	1011	1013	rBV3	93536	151297	1.61%	0.275%
42	8.869	1014	1017	1023	rVB4	152773	270804	2.87%	0.493%
43	9.105	1052	1057	1062	rVB3	66714	113819	1.21%	0.207%
44	9.169	1063	1068	1072	rVV	137050	221391	2.35%	0.403%
45	9.222	1072	1077	1084	rVB3	188800	327651	3.48%	0.596%
46	9.287	1084	1088	1093	rBV3	47920	78896	0.84%	0.144%
47	9.375	1100	1103	1106	rBV	40113	60258	0.64%	0.110%
48	9.481	1117	1121	1130	rVB3	195636	418427	4.44%	0.761%
49	9.593	1135	1140	1144	rBV4	75103	142395	1.51%	0.259%
50	9.669	1149	1153	1156	rVV3	64251	107522	1.14%	0.196%
51	9.752	1159	1167	1173	rVV4	83296	257362	2.73%	0.468%
52	9.852	1180	1184	1187	rBV3	46203	60064	0.64%	0.109%
53	9.904	1188	1193	1196	rBV5	69347	114529	1.22%	0.208%
54	10.004	1203	1210	1213	rBV7	66642	141260	1.50%	0.257%
55	10.046	1214	1217	1221	rBV3	52904	80217	0.85%	0.146%
56	10.169	1233	1238	1241	rBV4	106984	178859	1.90%	0.325%
57	10.210	1242	1245	1249	rVV3	72168	99509	1.06%	0.181%
58	10.293	1249	1259	1266	rVV	2079283	3620841	38.42%	6.586%
59	10.346	1266	1268	1271	rVV3	42557	60854	0.65%	0.111%
60	10.381	1271	1274	1277	rVV4	50240	71759	0.76%	0.131%
61	10.428	1277	1282	1286	rVB6	69693	119478	1.27%	0.217%
62	10.481	1286	1291	1296	rBV	334555	494709	5.25%	0.900%
63	10.710	1326	1330	1339	rVB5	90050	165467	1.76%	0.301%
64	10.799	1340	1345	1349	rBV3	115752	186971	1.98%	0.340%
65	10.875	1354	1358	1362	rBV5	43142	88421	0.94%	0.161%
66	10.981	1372	1376	1379	rBV5	94572	161809	1.72%	0.294%
67	11.046	1385	1387	1390	rBV3	49434	59791	0.63%	0.109%
68	11.087	1390	1394	1398	rVV5	63030	102408	1.09%	0.186%
69	11.151	1402	1405	1411	rVB6	79275	146720	1.56%	0.267%
70	11.234	1417	1419	1425	rVB5	102711	156306	1.66%	0.284%
71	11.346	1432	1438	1442	rBV2	533481	942017	9.99%	1.714%

LSC Area Percent Report

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Sample : K5847-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

72	11.593	1476	1480	1484	rVB4	91748	128597	1.36%	0.234%
73	11.751	1499	1507	1517	rBV2	258095	610552	6.48%	1.111%
74	12.046	1553	1557	1560	rBV3	106500	175502	1.86%	0.319%
75	12.116	1566	1569	1572	rBV3	55195	73625	0.78%	0.134%
76	12.187	1578	1581	1586	rBV6	55651	129035	1.37%	0.235%
77	12.240	1588	1590	1597	rVB4	97834	137160	1.46%	0.249%
78	12.363	1607	1611	1614	rBV6	68961	119132	1.26%	0.217%
79	12.445	1622	1625	1633	rVB4	102736	216127	2.29%	0.393%
80	12.510	1633	1636	1643	rVB8	76089	151499	1.61%	0.276%
81	12.598	1645	1651	1658	rVB5	144238	338261	3.59%	0.615%
82	12.669	1659	1663	1668	rBV4	109291	206522	2.19%	0.376%
83	12.728	1668	1673	1677	rBV	579857	814578	8.64%	1.482%
84	12.951	1708	1711	1714	rBV4	87027	134548	1.43%	0.245%
85	13.110	1734	1738	1743	rBV2	112934	162342	1.72%	0.295%
86	13.598	1816	1821	1825	rBV	465450	646553	6.86%	1.176%
87	13.687	1831	1836	1840	rBV2	754294	981982	10.42%	1.786%
88	13.898	1869	1872	1878	rBV5	123561	319458	3.39%	0.581%
89	14.010	1887	1891	1895	rBV	329965	423236	4.49%	0.770%
90	14.175	1911	1919	1931	rVB	2621007	4261213	45.21%	7.751%
91	14.728	2009	2013	2019	rVB	492447	697393	7.40%	1.269%
92	14.975	2051	2055	2061	rVB3	378899	517630	5.49%	0.942%
93	15.475	2134	2140	2145	rBV	953527	1471496	15.61%	2.677%
94	15.675	2171	2174	2181	rBV4	268722	502074	5.33%	0.913%
95	15.951	2217	2221	2231	rVB	2189072	3282289	34.83%	5.970%
96	16.775	2357	2361	2366	rBV	1918040	2565857	27.22%	4.667%
97	16.928	2383	2387	2391	rBV	2514741	3553517	37.70%	6.464%
98	17.380	2461	2464	2468	rBV	1084117	1440234	15.28%	2.620%
99	18.627	2672	2676	2680	rBV	2381169	3269068	34.69%	5.946%
100	19.563	2831	2835	2842	rBV4	4035920	9424992	100.00%	17.144%

Sum of corrected areas: 54975695

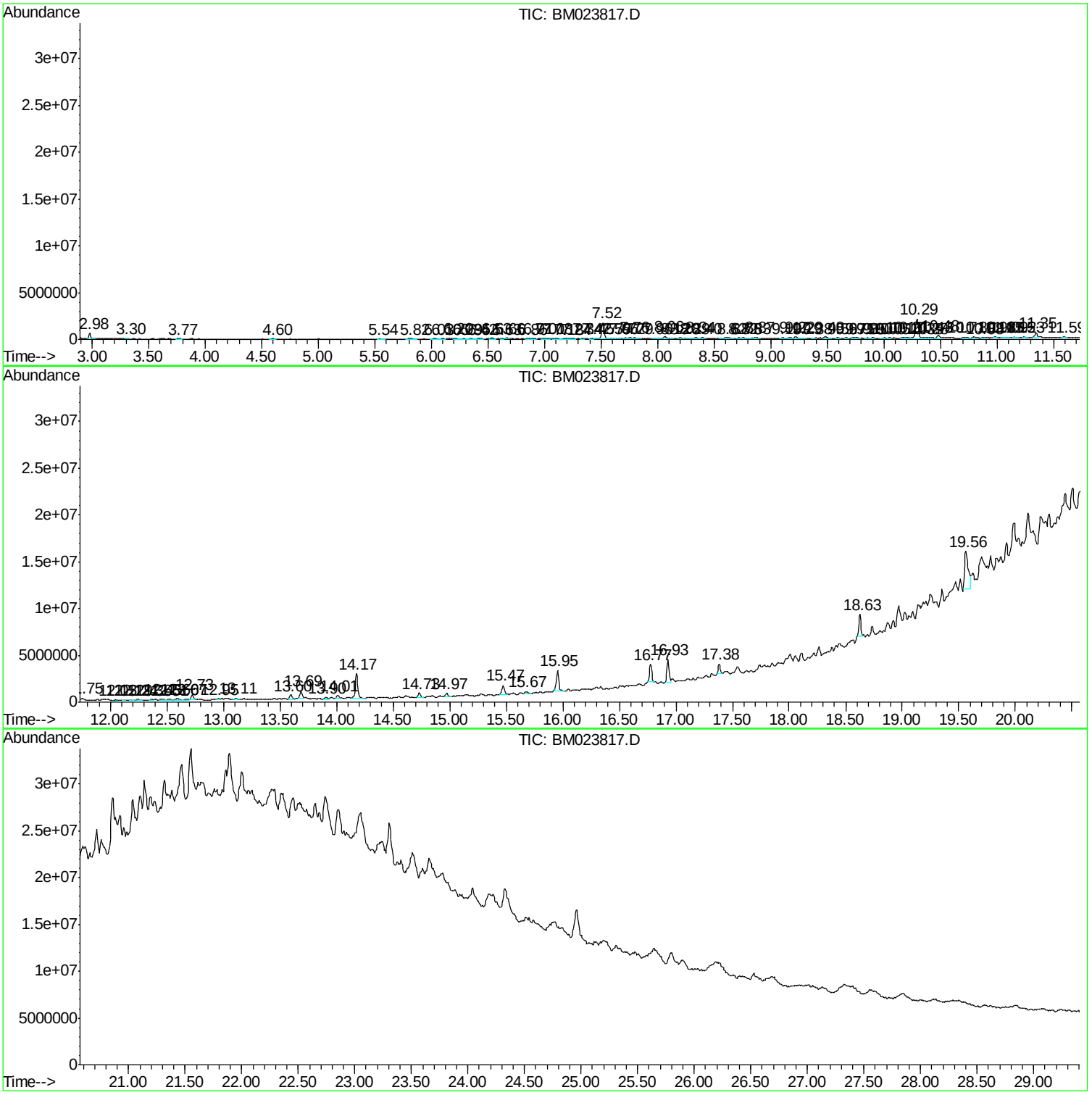
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023817.D
Acq On : 20 Nov 2019 03:54
Operator : JU
Sample : K5847-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023817.D
Acq On : 20 Nov 2019 03:54
Operator : JU
Sample : K5847-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

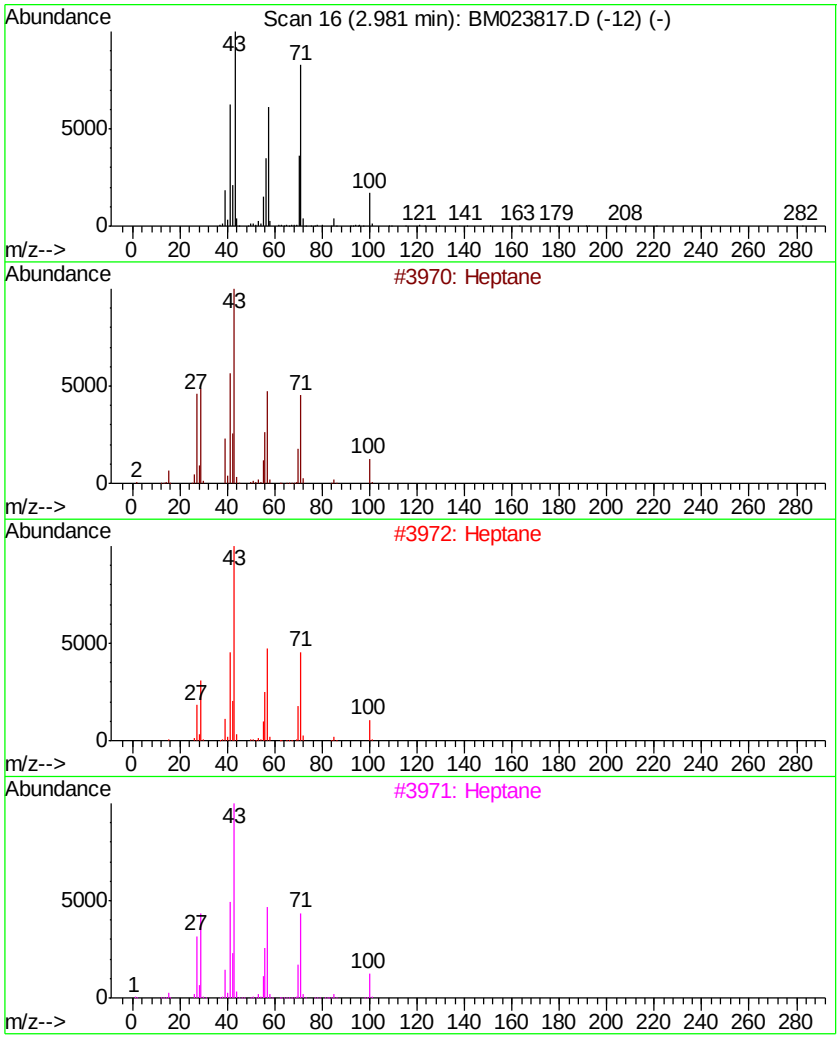
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

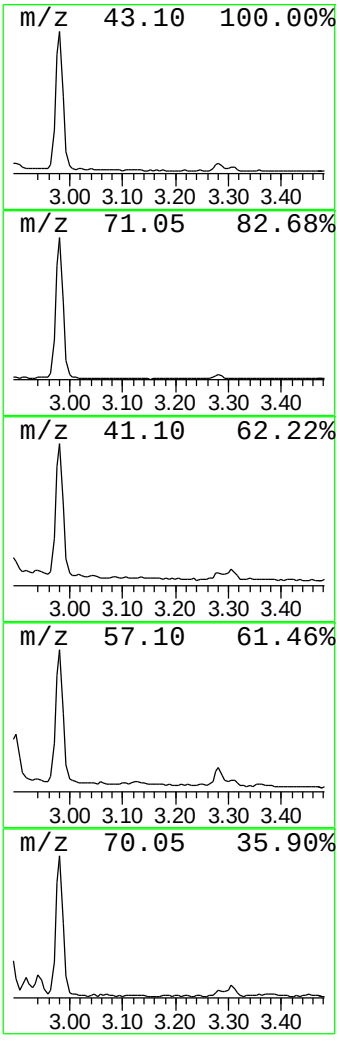
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	4.28 ng/ul	595385	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	90
5	2-Bromononane	206	C9H19Br	002216-35-5	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023817.D
Acq On : 20 Nov 2019 03:54
Operator : JU
Sample : K5847-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

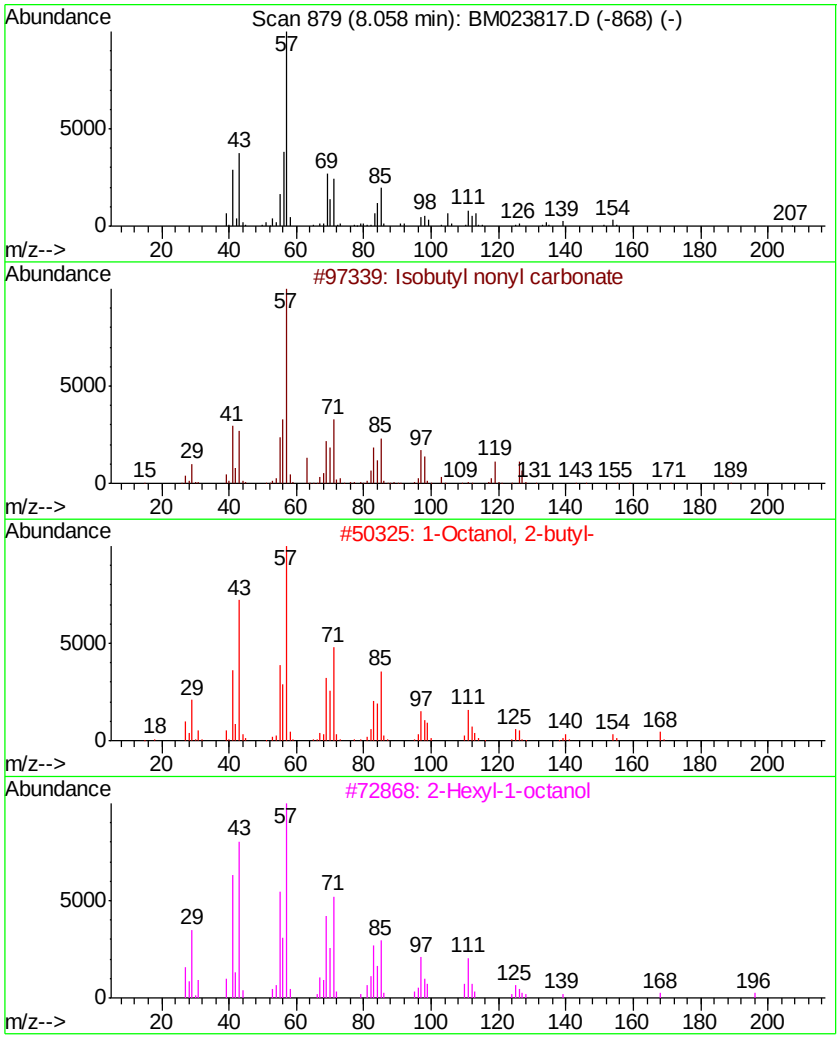
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

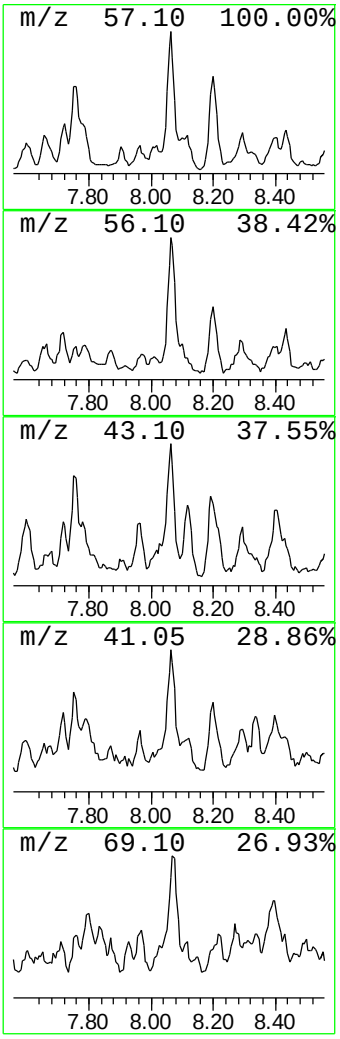
****

Peak Number 2 Isobutyl nonyl carbonate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	3.70 ng/ul	514475	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	72
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	59
3	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	59
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	53
5	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023817.D
Acq On : 20 Nov 2019 03:54
Operator : JU
Sample : K5847-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

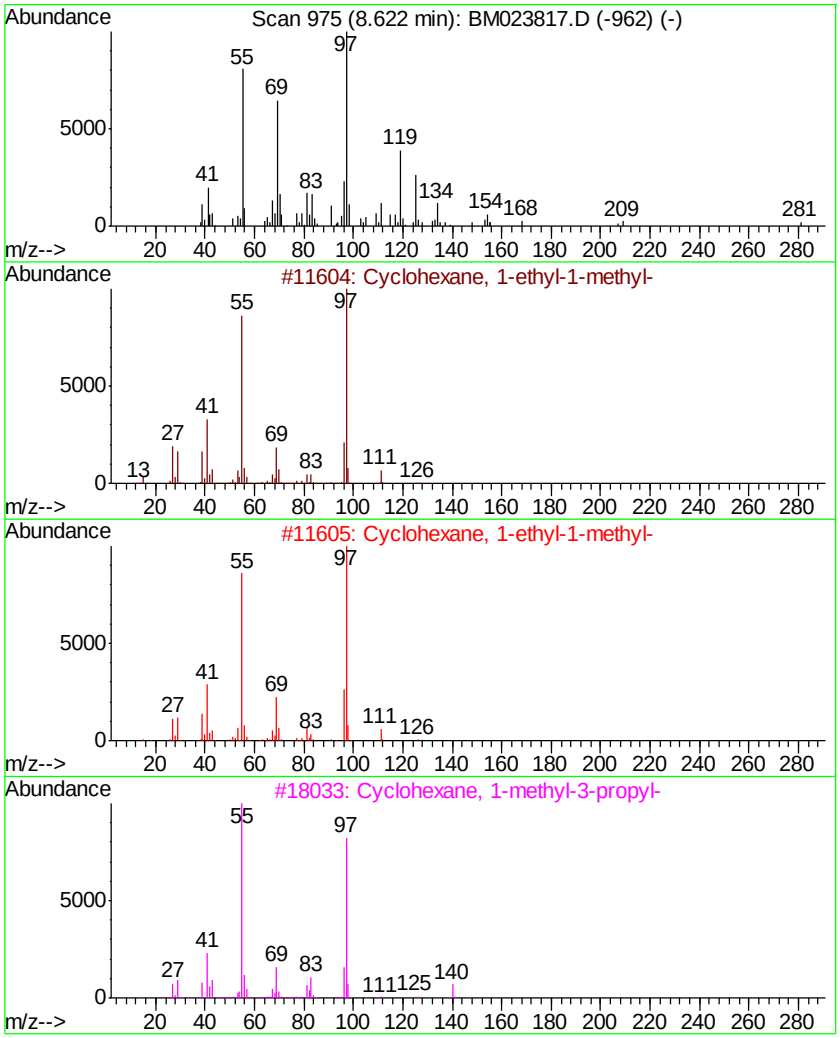
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

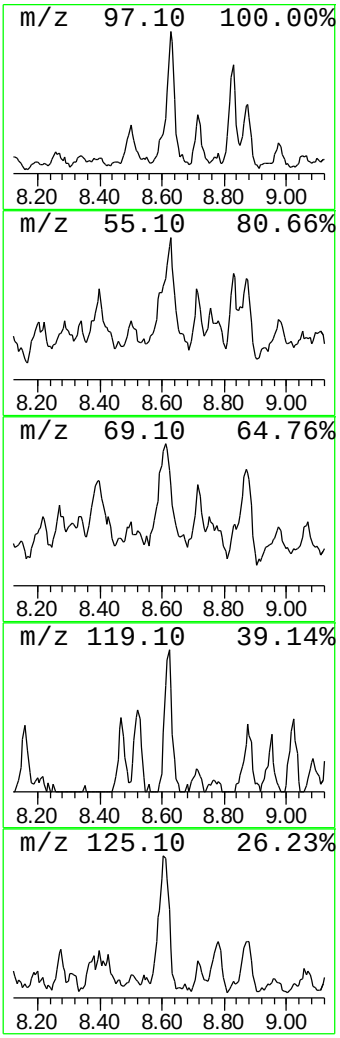
****

Peak Number 3 (DEL) Alkane: Cyclic8.62 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	3.04 ng/ul	423096	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	47
3	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	47
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	47
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023817.D
Acq On : 20 Nov 2019 03:54
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Sample : K5847-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

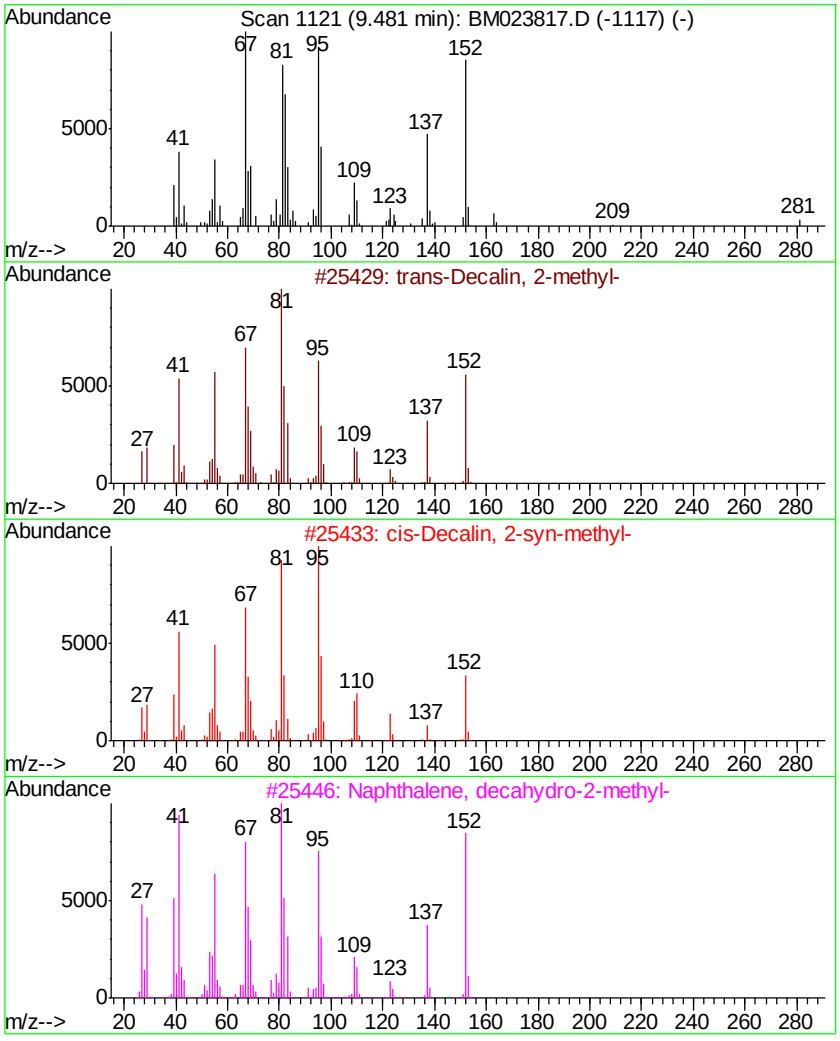
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

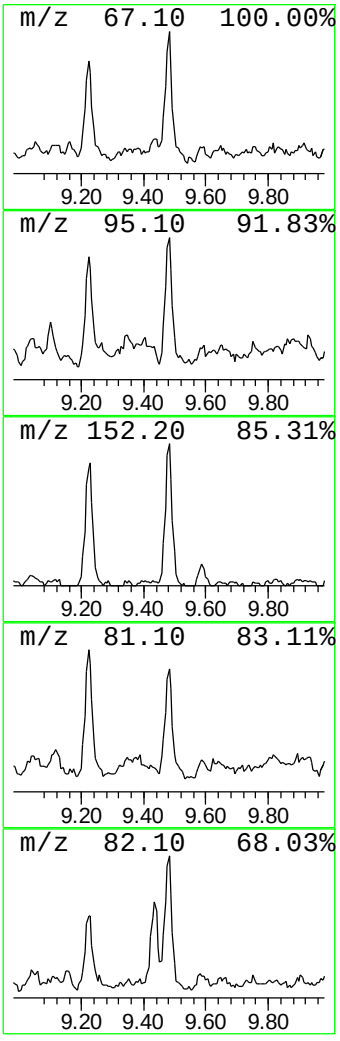
****

Peak Number 4 trans-Decalin, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	2.31 ng/ul	418427	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	80
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	74
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
5	Spiro[5.5]undecane	152	C11H20	000180-43-8	52





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Data File : BM023817.D
Acq On : 20 Nov 2019 03:54
Operator : JU
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW4

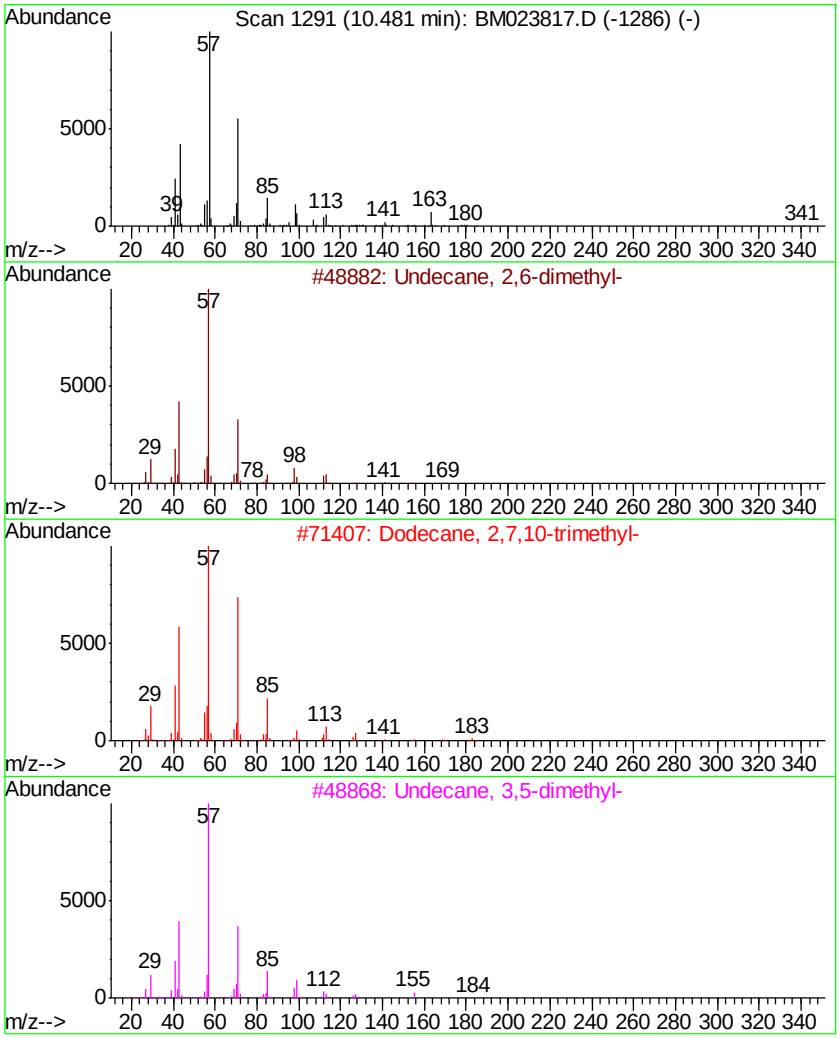
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

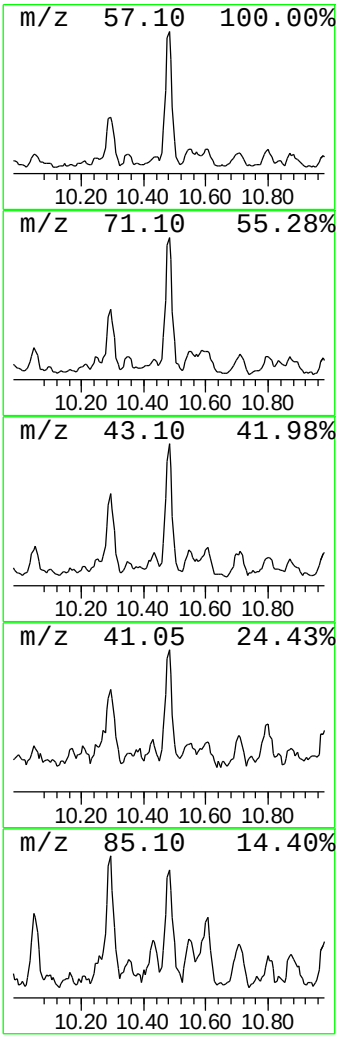
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	2.73 ng/ul	494709	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	58
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	50





Library Search Compound Report

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Data File : BM023817.D
Acq On : 20 Nov 2019 03:54
Operator : JU
Sample : K5847-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

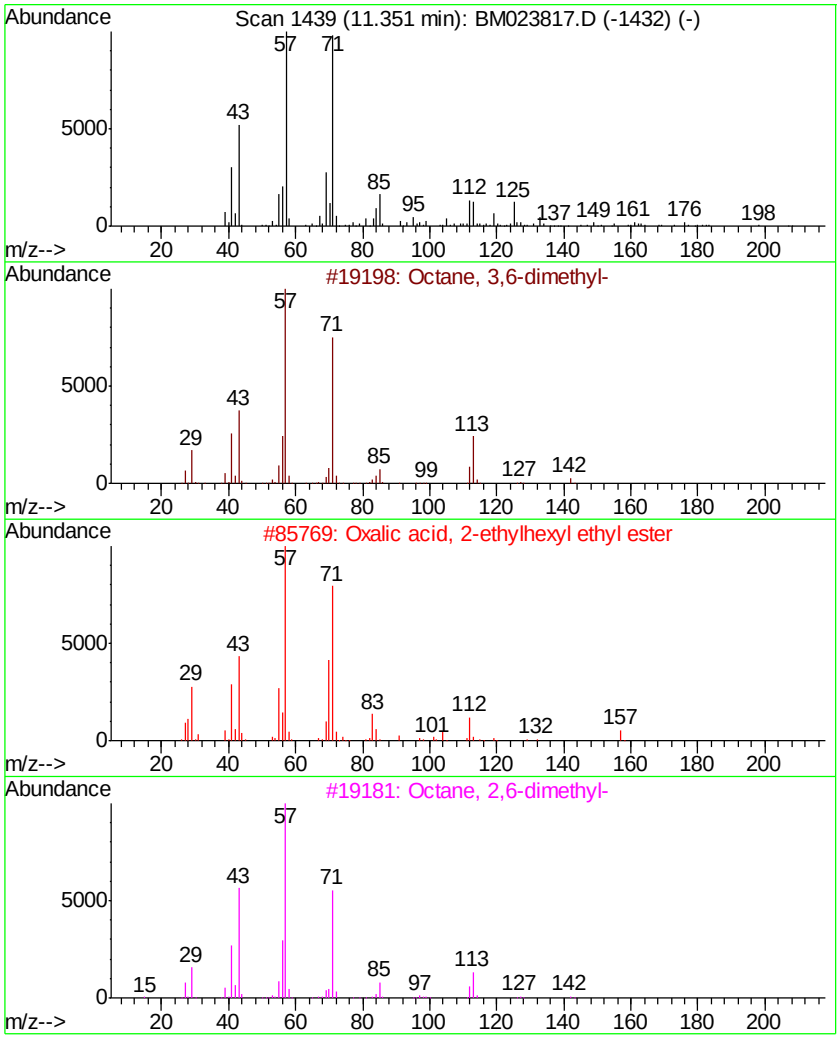
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

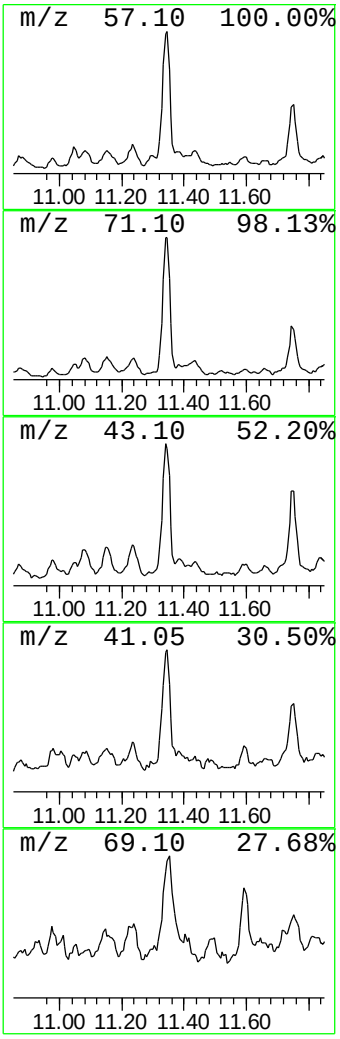
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	5.20 ng/ul	942017	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	64
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	59
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	53





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Sample : K5847-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW4

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Quant Title : SVOA CALIBRATION

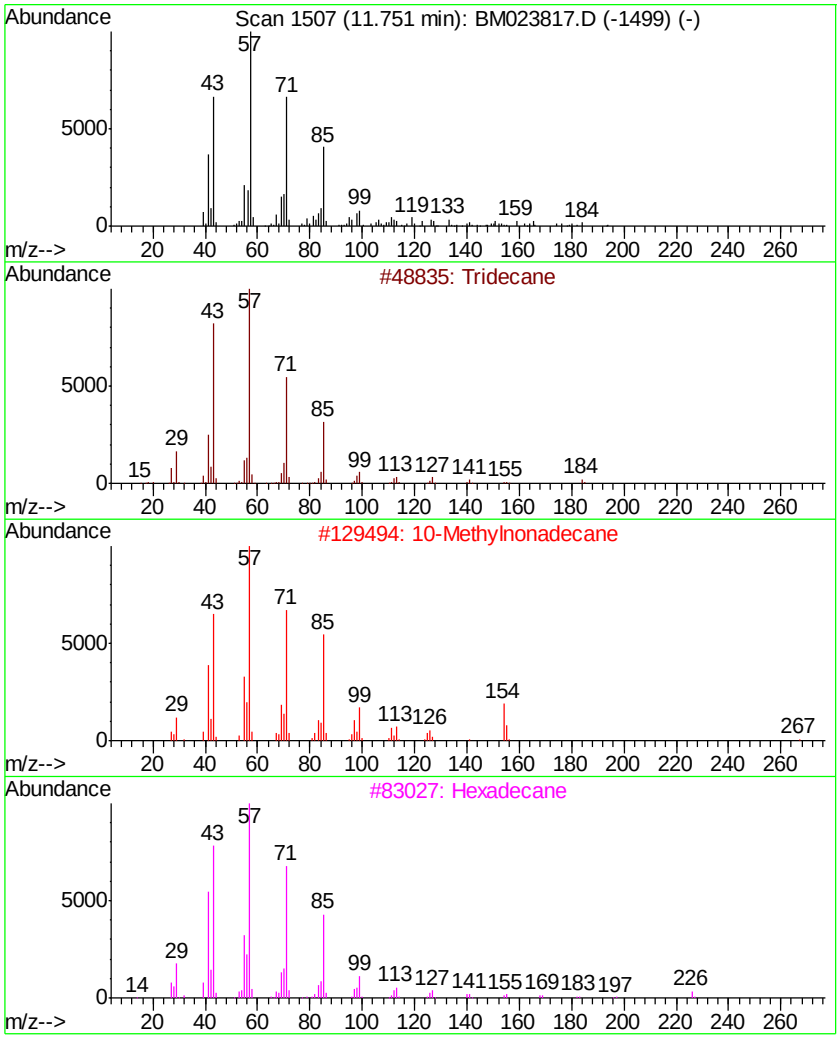
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

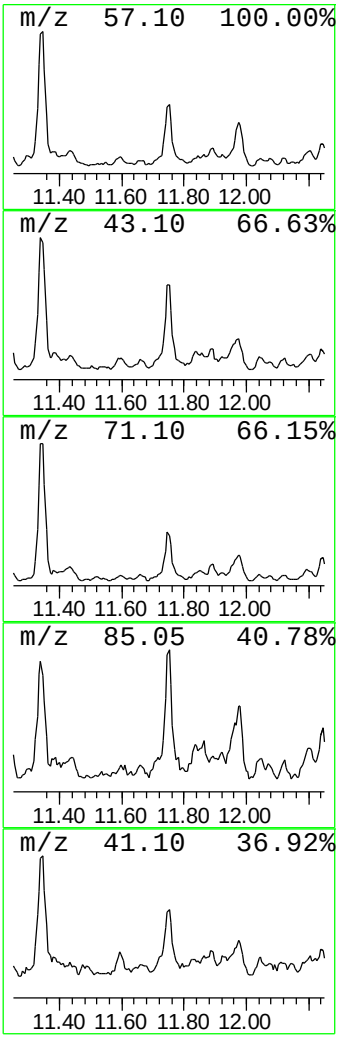
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	3.37 ng/ul	610552	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	10-Methylnonadecane	282	C20H42	056862-62-5	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tridecane	184	C13H28	000629-50-5	76





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BFPW4

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Quant Title : SVOA CALIBRATION

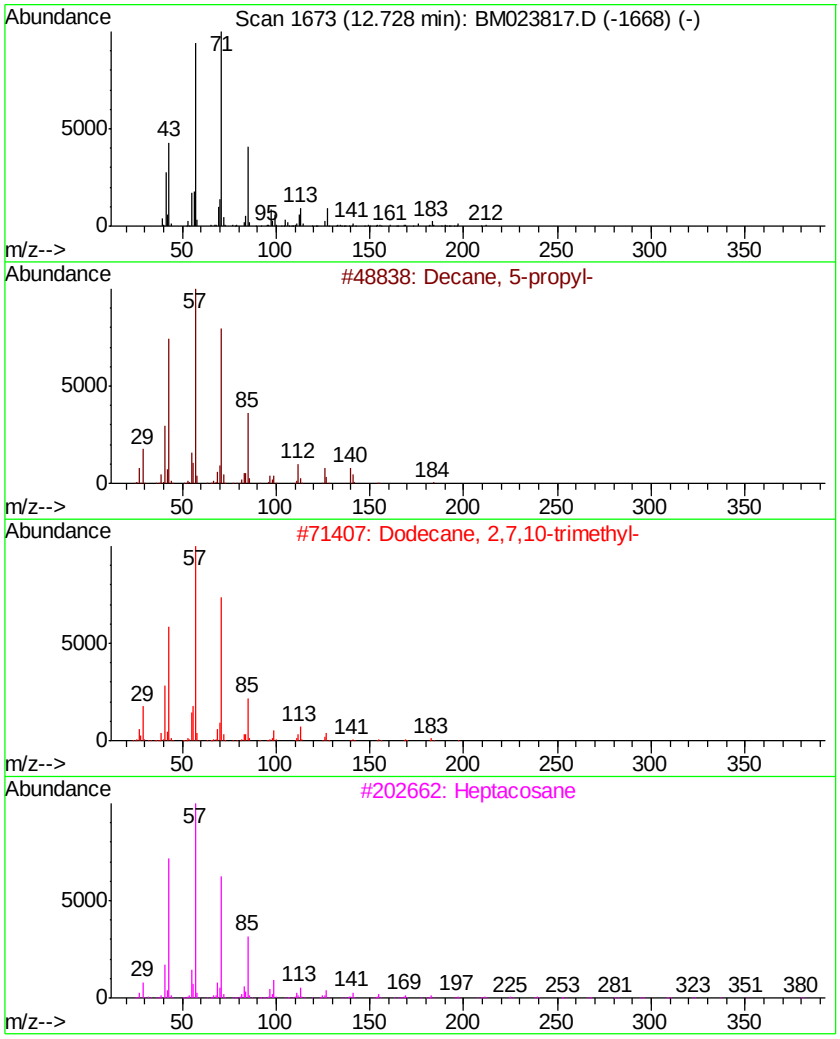
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

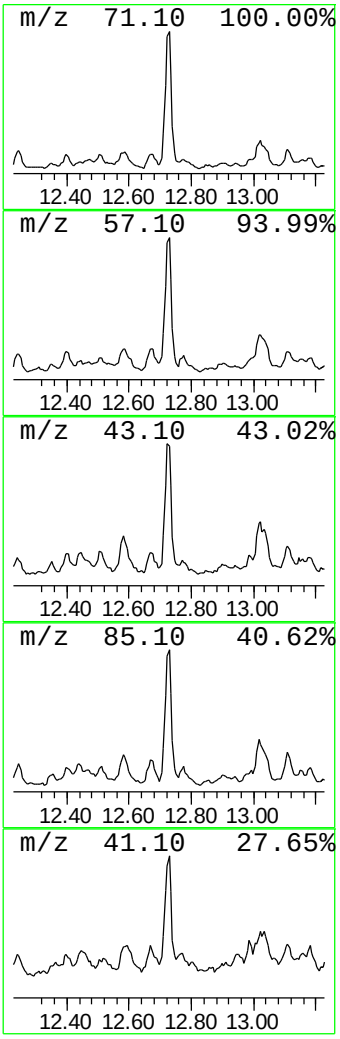
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.82 ng/ul	814578	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Heptacosane	380	C27H56	000593-49-7	64
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58
5	Pentacosane	352	C25H52	000629-99-2	53





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW4

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Quant Title : SVOA CALIBRATION

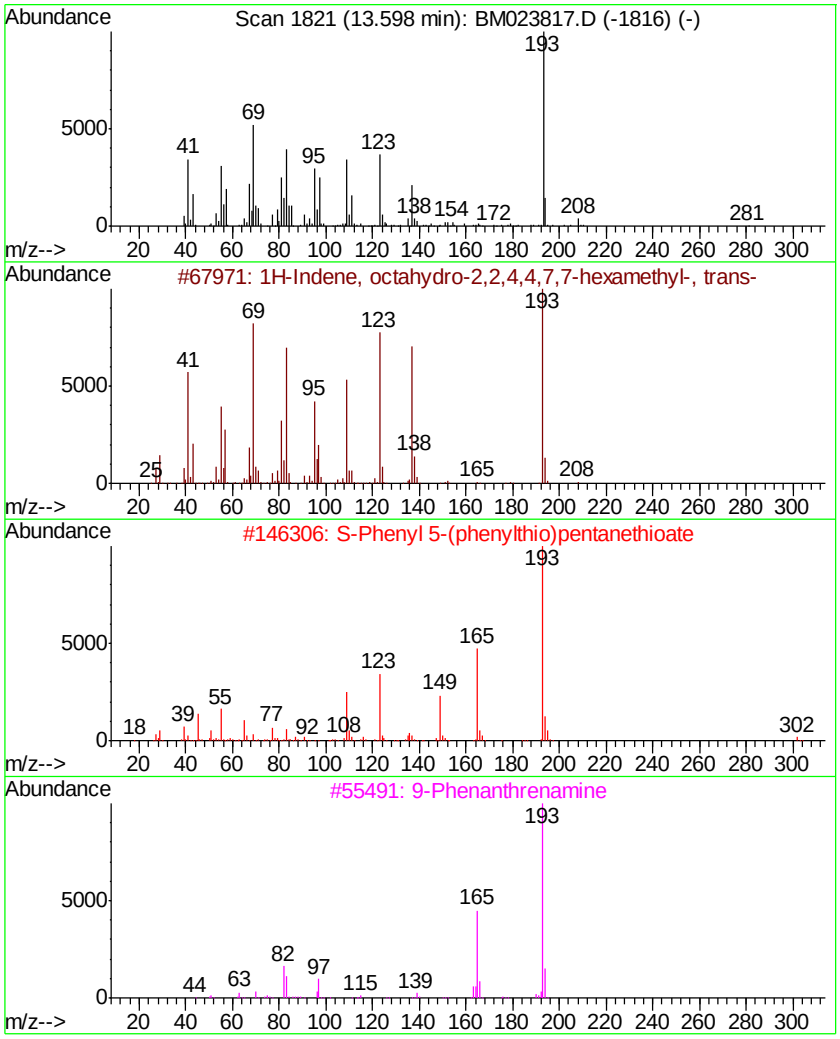
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

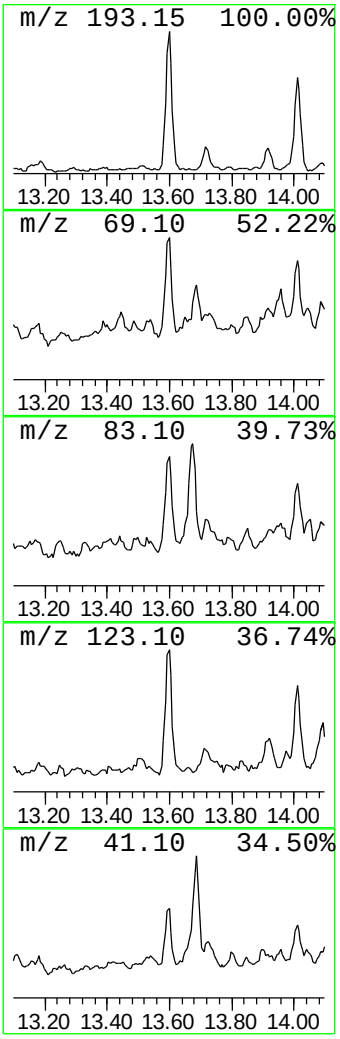
****

Peak Number 9 1H-Indene, octahydro-2,2,4,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	3.03 ng/ul	646553	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	50
2	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	43
3	9-Phenanthrenamine	193	C14H11N	000947-73-9	27
4	9-Phenanthrenamine	193	C14H11N	000947-73-9	27
5	5-Isobenzofurancarboxylic acid, ...	360	C21H28O5	022485-51-4	25





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Operator : JU
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ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId : BFPW4

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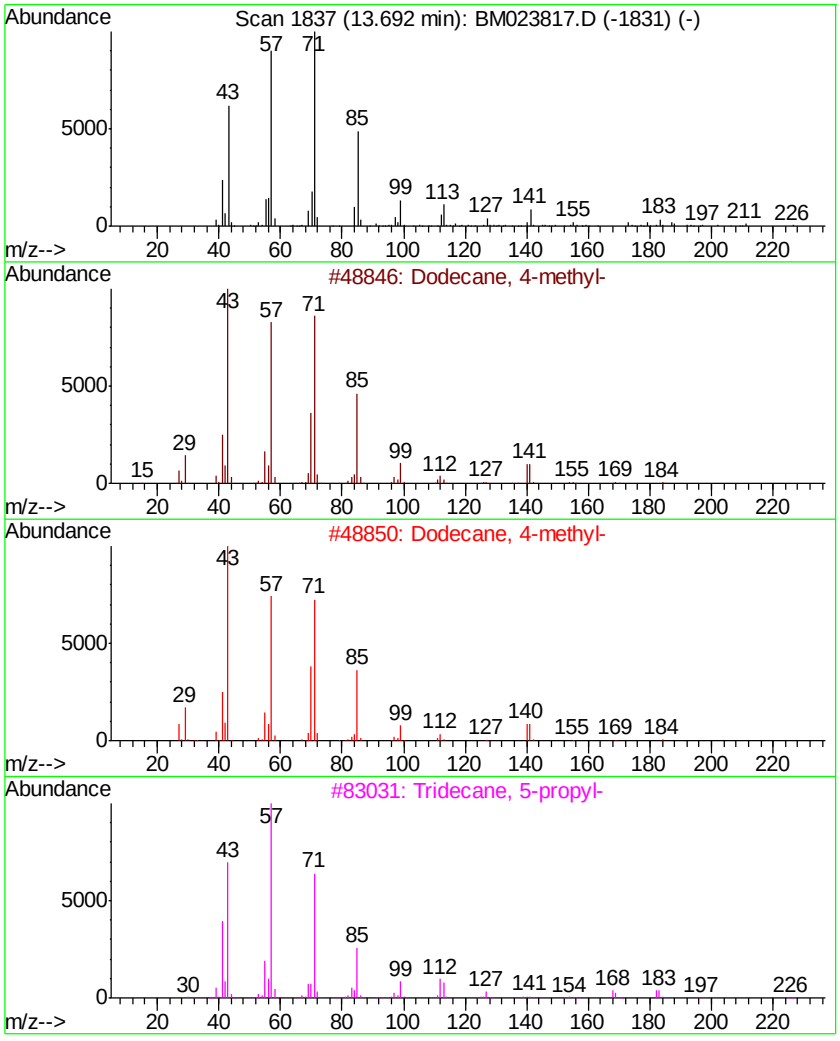
Quant Title : SVOA CALIBRATION

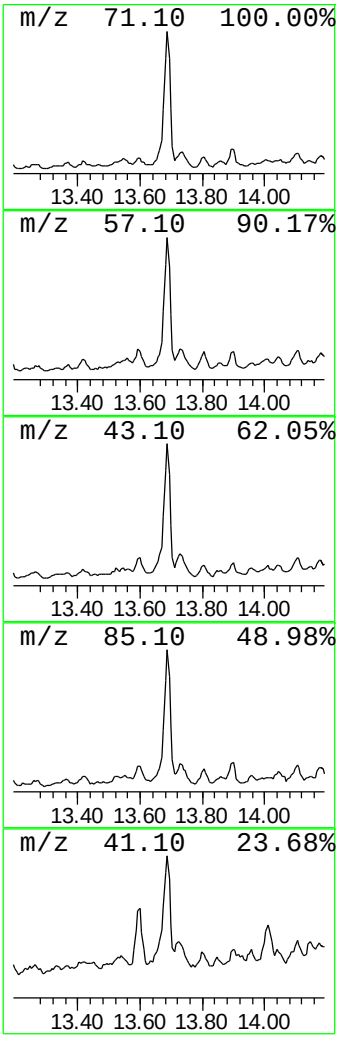
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	4.61 ng/ul	981982	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	81
4	Hexadecane	226	C16H34	000544-76-3	64
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64





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Operator : JU
Sample : K5847-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW4

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Quant Title : SVOA CALIBRATION

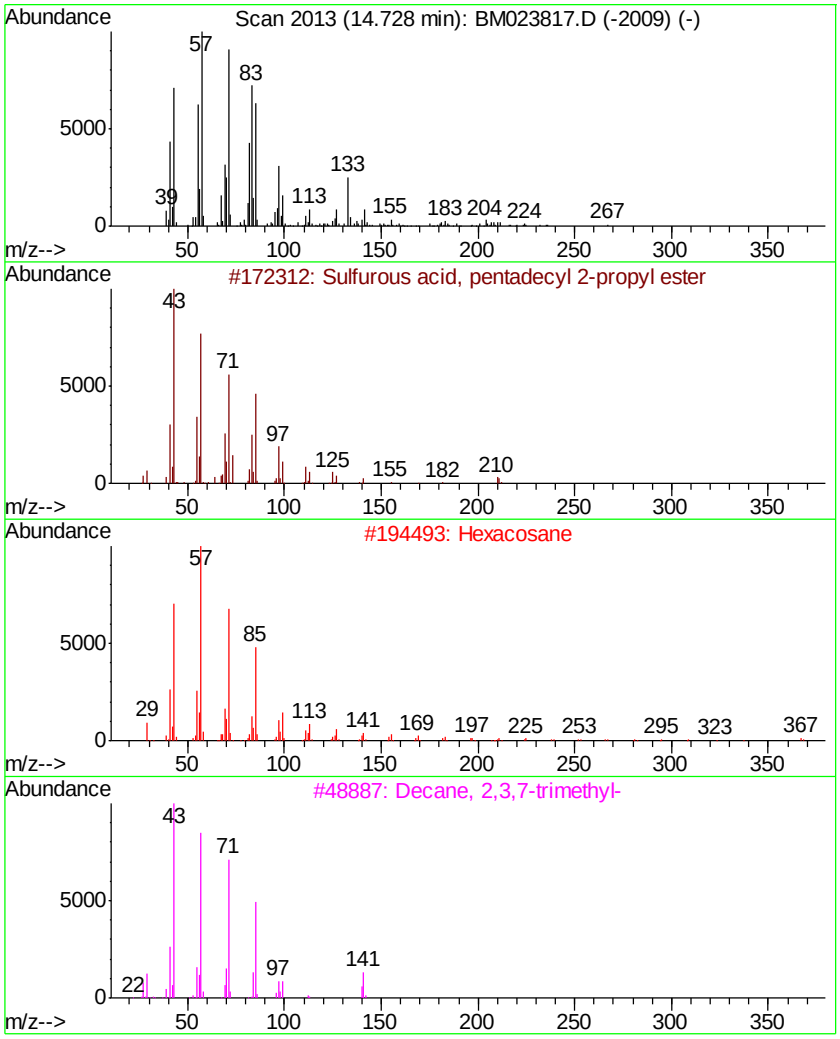
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

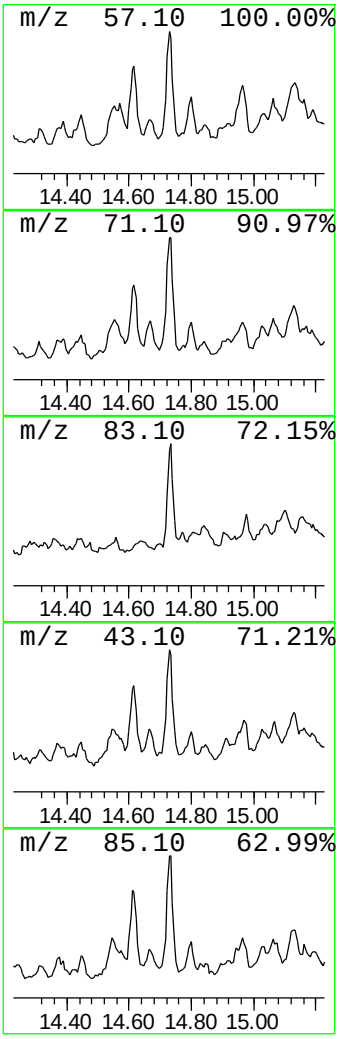
****

Peak Number 11 Sulfurous acid, pentadecyl ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.27 ng/ul	697393	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	50
2	Hexacosane	366	C26H54	000630-01-3	46
3	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	46
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	43
5	Heptacosane	380	C27H56	000593-49-7	43





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW4

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Quant Title : SVOA CALIBRATION

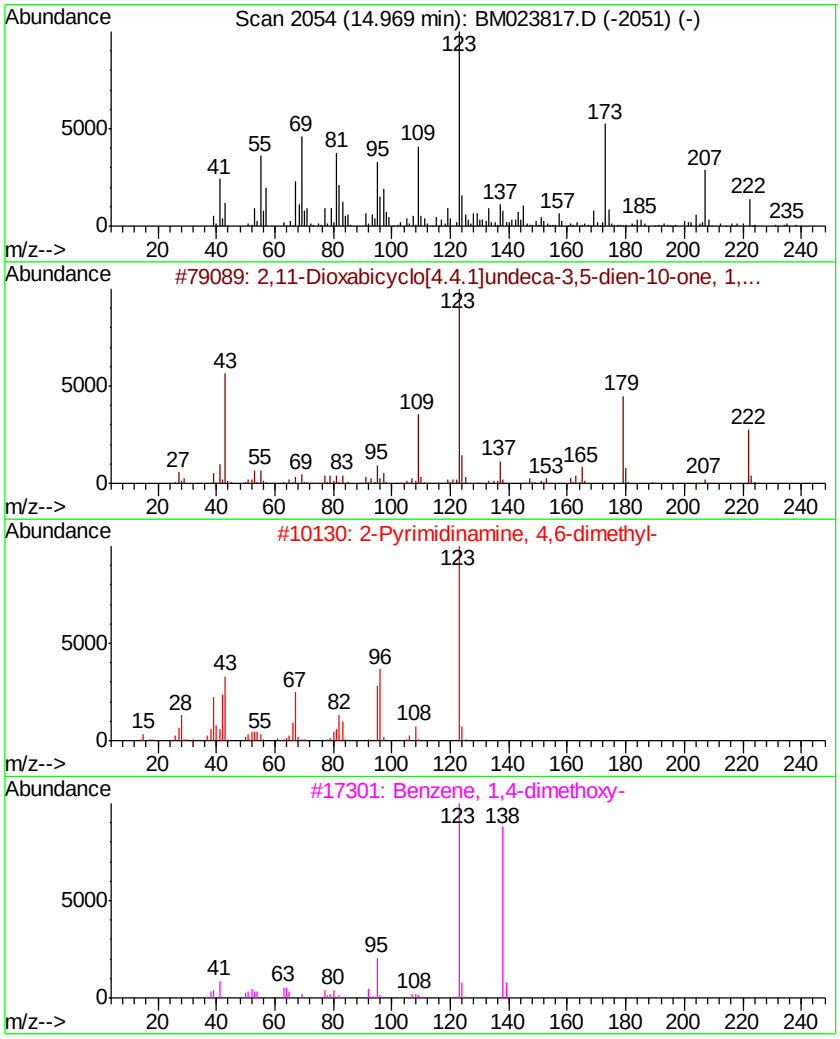
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

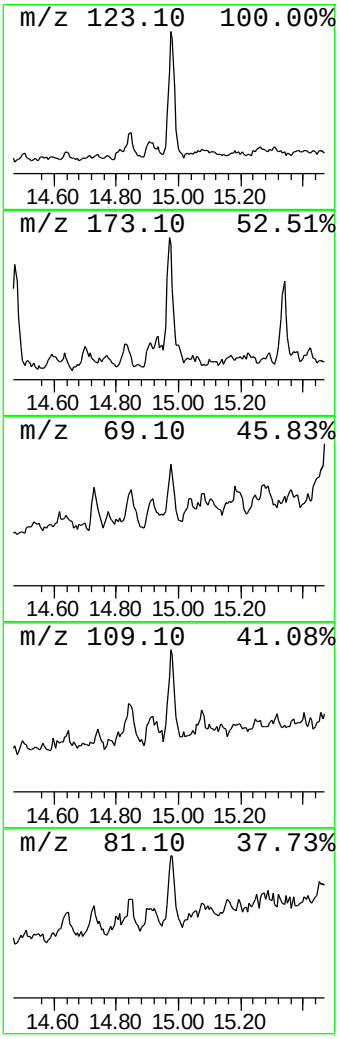
****

Peak Number 12 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	2.43 ng/ul	517630	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	53
2	2-Pyrimidinamine, 4,6-dimethyl-	123	C6H9N3	000767-15-7	38
3	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	38
4	1-Butanone, 4-chloro-1-(4-fluoro...	200	C10H10ClFO	003874-54-2	38
5	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	38





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Instrument : BNA_M
ClientSampleId : BFPW4

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Quant Title : SVOA CALIBRATION

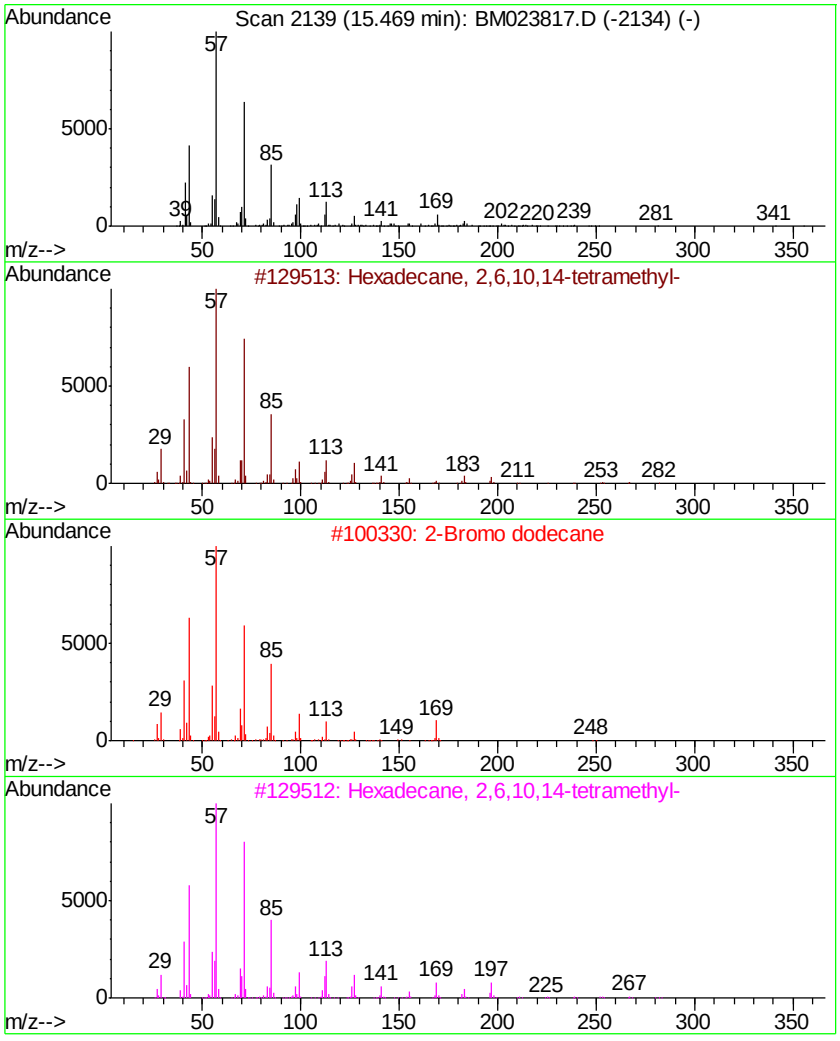
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

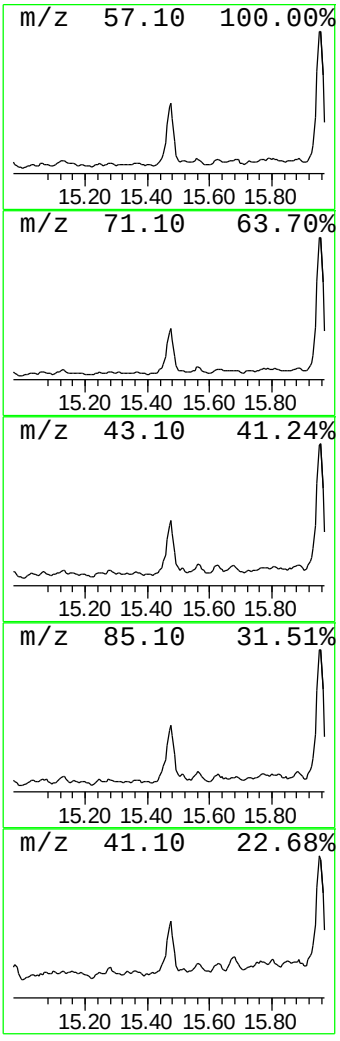
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	6.91 ng/ul	1471500	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4	Docosane	310	C22H46	000629-97-0	80
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	76





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Instrument : BNA_M
ClientSampleId : BFPW4

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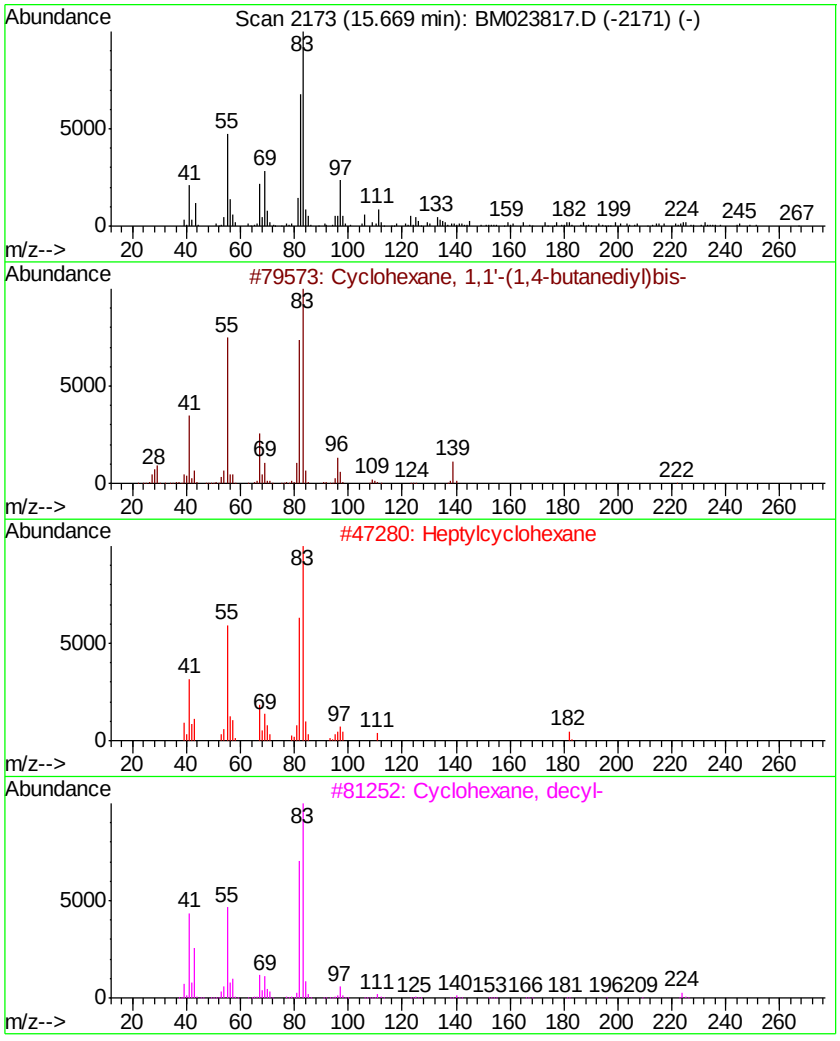
Quant Title : SVOA CALIBRATION

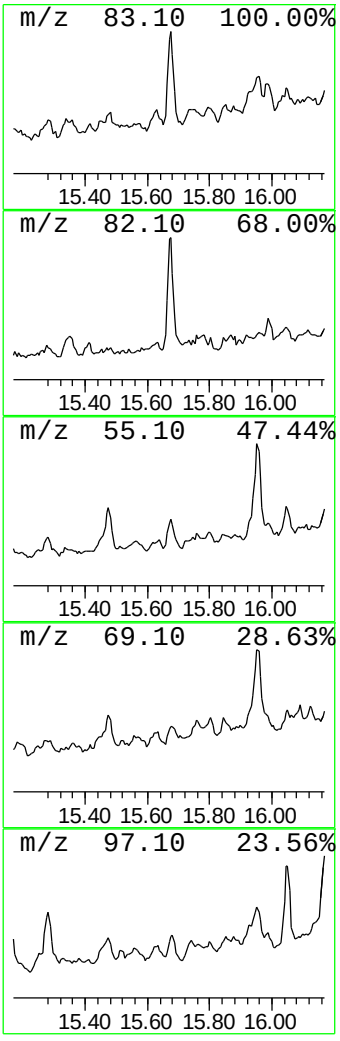
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclohexane, 1,1'-(1,4-buta... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.83 ng/ul	502074	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	68
2	Heptylcyclohexane	182	C13H26	005617-41-4	64
3	Cyclohexane, decyl-	224	C16H32	001795-16-0	64
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
5	Cyclohexane, decyl-	224	C16H32	001795-16-0	59





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Instrument : BNA_M
ClientSampleId : BFPW4

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Quant Title : SVOA CALIBRATION

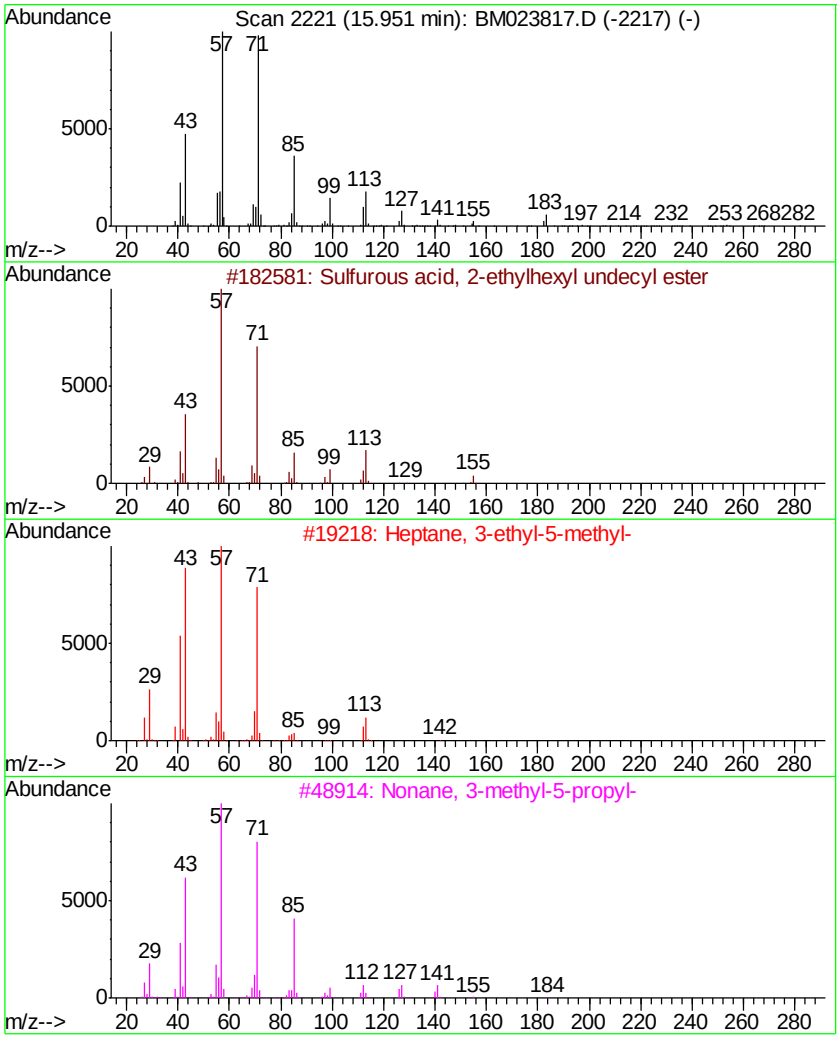
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

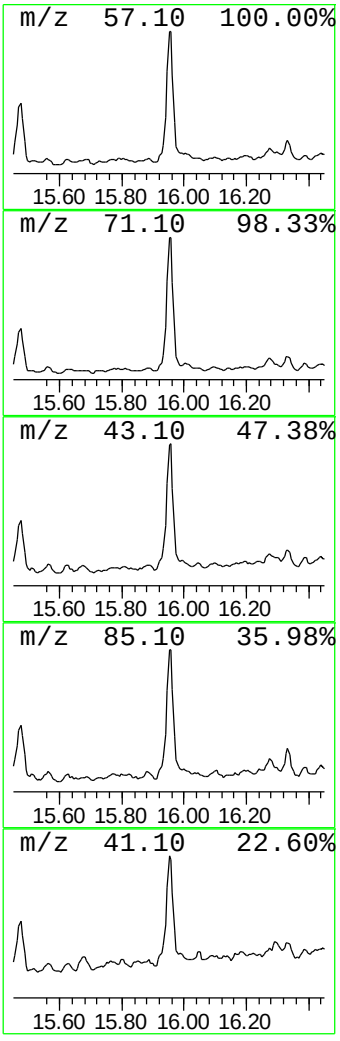
****

Peak Number 15 Sulfurous acid, 2-ethylhexy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	18.47 ng/ul	3282290	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
2	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	76
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70





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ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId : BFPW4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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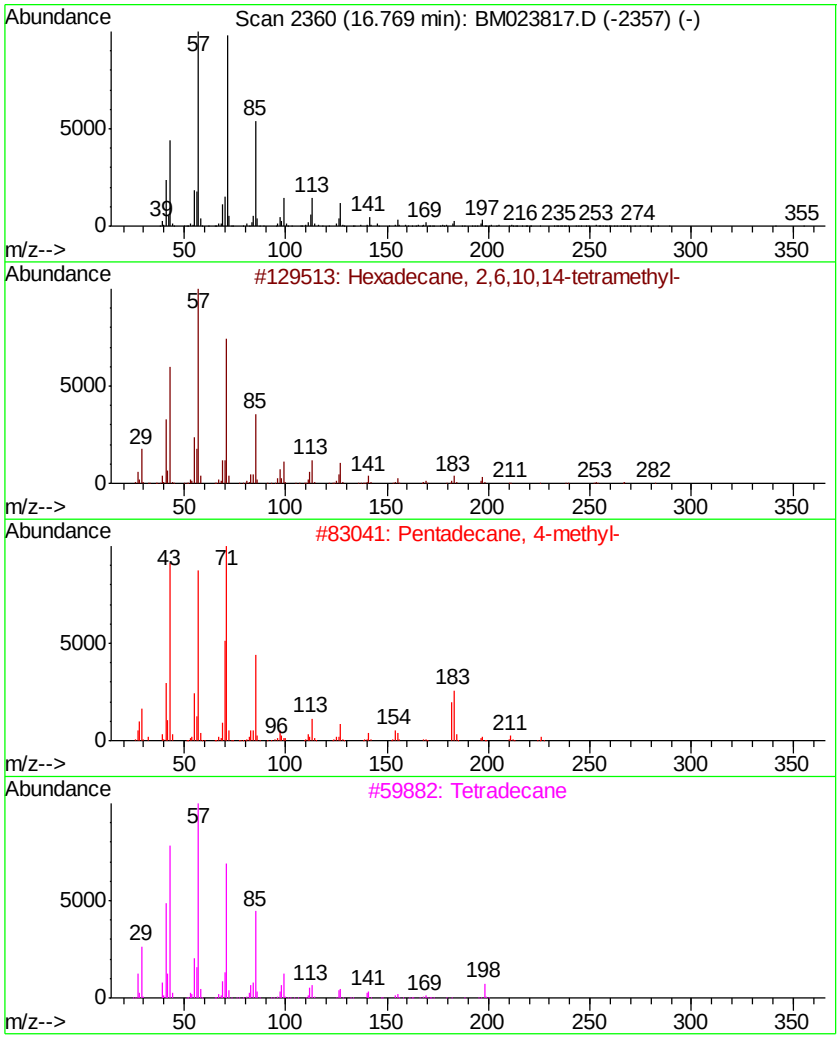
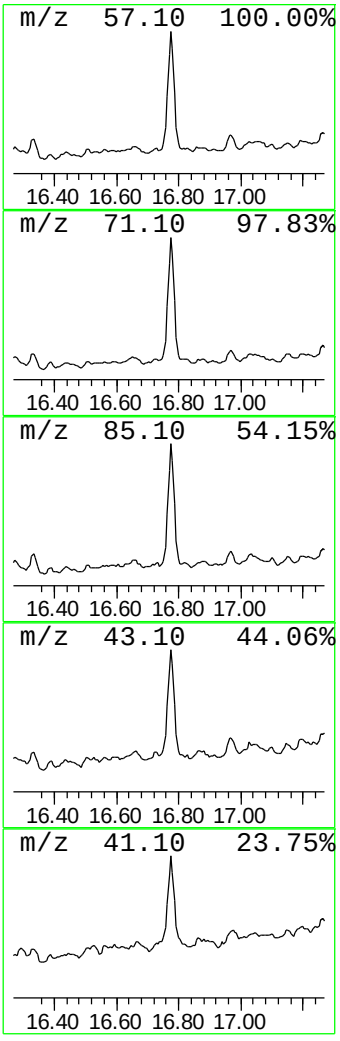
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	14.44 ng/ul	2565860	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	95
2	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86
3	Tetradecane	198	C14H30	000629-59-4	78
4	Heptadecane	240	C17H36	000629-78-7	72
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64





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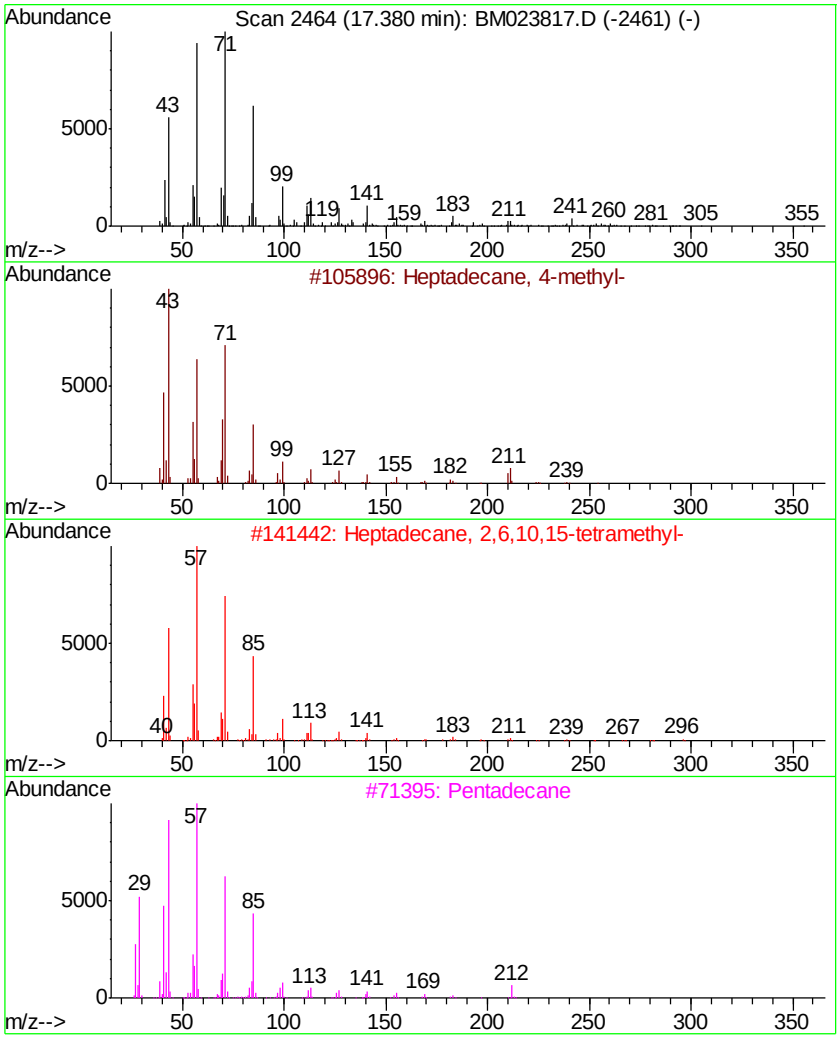
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

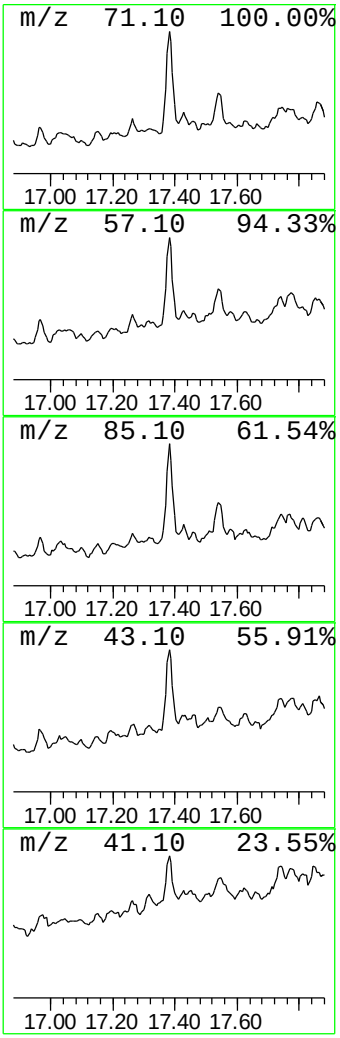
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	8.11 ng/ul	1440230	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
5	Octadecane	254	C18H38	000593-45-3	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023817.D
Acq On : 20 Nov 2019 03:54
Operator : JU
Sample : K5847-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

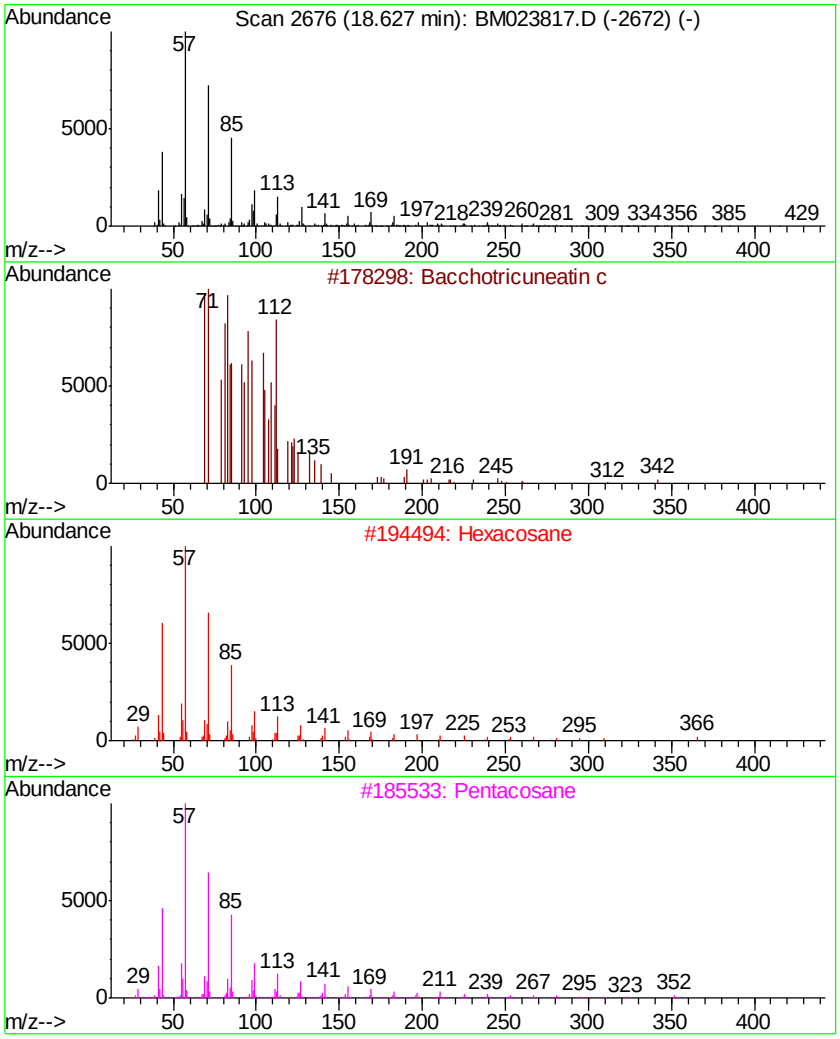
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

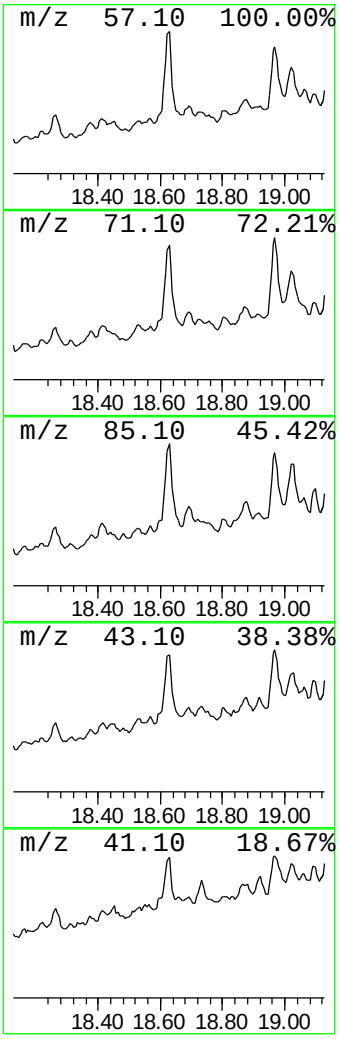
****

Peak Number 18 Bacchotricuneatin c Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	18.40 ng/ul	3269070	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	Hexacosane	366	C26H54	000630-01-3	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023817.D
Acq On : 20 Nov 2019 03:54
Operator : JU
Sample : K5847-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

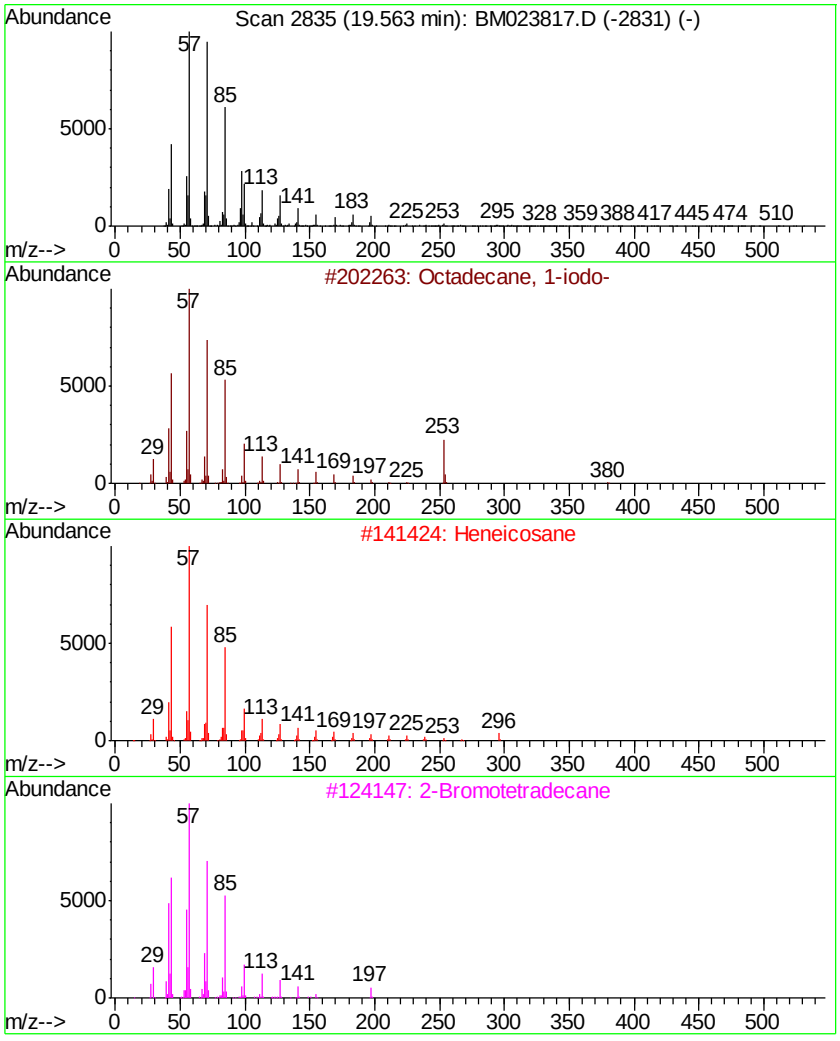
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

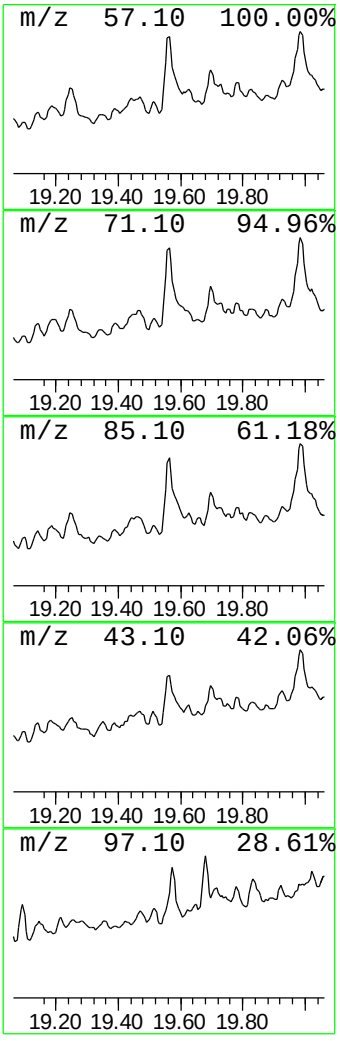
****

Peak Number 19 Octadecane, 1-iodo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	20.00 ng/ul	9424990	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
4	Hexacosane	366	C26H54	000630-01-3	86
5	Tetracosane	338	C24H50	000646-31-1	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111919\
Data File : BM023817.D
Acq On : 20 Nov 2019 03:54
Operator : JU
Sample : K5847-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	2.98	4.3	ng/ul	595385	1	7.52	2782200	20.0
Isobutyl nonyl ca...	8.06	3.7	ng/ul	514475	1	7.52	2782200	20.0
(DEL) Alkane: Cyc...	8.62	3.0	ng/ul	423096	1	7.52	2782200	20.0
trans-Decalin, 2-...	9.48	2.3	ng/ul	418427	2	10.29	3620840	20.0
(DEL) Alkane: Str...	10.48	2.7	ng/ul	494709	2	10.29	3620840	20.0
(DEL) Alkane: Str...	11.35	5.2	ng/ul	942017	2	10.29	3620840	20.0
(DEL) Alkane: Str...	11.75	3.4	ng/ul	610552	2	10.29	3620840	20.0
(DEL) Alkane: Str...	12.73	3.8	ng/ul	814578	3	14.17	4261210	20.0
1H-Indene, octahy...	13.60	3.0	ng/ul	646553	3	14.17	4261210	20.0
(DEL) Alkane: Str...	13.69	4.6	ng/ul	981982	3	14.17	4261210	20.0
Sulfurous acid, p...	14.73	3.3	ng/ul	697393	3	14.17	4261210	20.0
2,11-Dioxabicyclo...	14.97	2.4	ng/ul	517630	3	14.17	4261210	20.0
(DEL) Alkane: Str...	15.47	6.9	ng/ul	1471500	3	14.17	4261210	20.0
Cyclohexane, 1,1'...	15.67	2.8	ng/ul	502074	4	16.93	3553520	20.0
Sulfurous acid, 2...	15.95	18.5	ng/ul	3282290	4	16.93	3553520	20.0
(DEL) Alkane: Str...	16.77	14.4	ng/ul	2565860	4	16.93	3553520	20.0
(DEL) Alkane: Str...	17.38	8.1	ng/ul	1440230	4	16.93	3553520	20.0
Bacchotricuneatin c	18.63	18.4	ng/ul	3269070	4	16.93	3553520	20.0
Octadecane, 1-iodo-	19.56	20.0	ng/ul	9424990	5	21.14	9424990	20.0